

second predetermined break lines in said ceramic layer between said adjacent rows of panels,

at least one first margin area at a periphery of said ceramic layer having at least one first additional metal surface extending in said second axial direction and bridging all said first predetermined break lines,

said first margin area being defined by a first additional breaking line in said ceramic layer between said at least one first additional metal surface and said array of panels,

at least one second margin area at said periphery of said ceramic layer having at least one additional external metal surface extending in said first axial direction and bridging all said second predetermined break lines, said second margin area being defined by a second additional external break line in said ceramic layer extending in said first axial direction between said at least one second additional metal surface and said array of panels, said at least one first margin area and said at least one second margin area enclosing an angle.

C/Catch

2~~4~~4. A multiple substrate according to claim ~~43~~, wherein said external, additional break line of said at least one second margin area is also bridged by said at least one first additional metal surface of said first margin area.

3~~4~~5. A multiple substrate wherein said first predetermined break lines extend in said first direction and said second predetermined break lines extend in said second direction.--

L
C✓ [Kindly amend the claims as follows:]

5~~4~~2. (Thrice Amended) A multiple substrate according to claim [1] ~~43~~, wherein said [at least one predetermined breaking line] break lines [extending between said at least two panels reaches] reach as far as to said at least one external, predetermined [breaking line] break lines.

L
20 Claim 4, line 2, delete "3" and insert --43--.

Claim 5, line 2, ~~✓~~ delete "3" and insert --43--.

~~8~~ (Thrice Amended) A multiple substrate according to claim [7] ~~43~~, wherein said external [predetermined breaking] additional break line [of said at least one first margin area] is also bridged by said at least one additional external metal surface of said second margin area.

Claim 9, line ~~2~~, delete "7" and insert --43--.

Claim 11, line ~~2~~, delete "7" and insert --43--.

Claim 12, line ~~2~~, delete "1" and insert --43--.

~~12~~ (Thrice Amended) A multiple substrate according to claim [1] ~~43~~, wherein said at least one first additional metal coating of said at least one first margin area is disposed with margin lines parallel to said first external [predetermined breaking lines], additional break line, and wherein said at least one second additional metal surface of said at least one second margin area is disposed with margin lines parallel to said second predetermined external, additional break line.

Claim 14, line 2, ~~✓~~ delete "1" and insert --43--, and before "panels" delete "at least two".

~~14~~ (Thrice Amended) A multiple substrate according to [1] ~~43~~, wherein said at least one [border] margin area has on both surface sides of said ceramic layer, an additional metal surface.

~~15~~ (Thrice Amended) A multiple substrate according to claim [1] ~~43~~, wherein said at least one metal coating and said additional metal surface of said [at least one margin area] first and second margin areas are connected flat with said ceramic layer by [one of direct bonding and] an active brazing process.

~~17~~ (Twice Amended) A multiple substrate according to claim [42] ~~43~~, wherein said at least one metal coating and said

C
C
C
C
additional metal surface of said at least one first and second margin areas are connected flat with said ceramic layer by a direct bonding process.

42. (Amended) A multiple substrate according to claim [1] ~~13!~~ wherein said [at least one] first and second predetermined [breaking line intersects] break lines intersect at least one external predetermined [breaking] break line.

REMARKS

The present Amendment is submitted in response to the outstanding Office Action (Paper #10) dated June 7, 1995, and is believed to be fully responsive to the objections and rejections raised therein. In view of the foregoing amendments and the comments which follow, favorable reconsideration is respectfully requested.

An object of the present invention is to provide for a multiple substrate with a ceramic layer (1) which is protected against unwanted breaking along the predetermined breaking lines during treatment (i.e. during masking, edging, bonding operation, etc.).

As shown in FIG. 1 of the application, the substrate forms an array of a plurality of panels, which are arranged in at least two adjacent rows, with each row having at least two panels, and with each row adjoining an adjacent row in a first axial direction (y-axis) with panels adjoining each row in a second axial direction (x-axis).

The substrate is further provided with a first predetermined break line (3) delineating where the panels adjoin one another in the rows, and is also provided with second predetermined breaking lines (4) in between two adjacent rows (R1-R3). These first and second predetermined break lines (3, 4) are used for breaking the substrate after treatment in order to obtain the separated panels (1').

In order to avoid unwanted breaking during treatment, additional metal surfaces (5, 6) are provided on the periphery of the substrate, with each first additional metal surface (6)

22